

<b>Notice of Allowability</b>	Application No.	Applicant(s)	
	10/820,365	WANG ET AL.	
	Examiner	Art Unit	
	Helen Rossoshek	2825	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to telephone interview on 02/12/2007.
2. ☒ The allowed claim(s) is/are 1-30.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All    b) ☐ Some\*    c) ☐ None    of the:
  1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.


Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  5. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

- |  |   |
|--|---|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892)   | 5. <input type="checkbox"/> Notice of Informal Patent Application                                 |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                       | 6. <input checked="" type="checkbox"/> Interview Summary (PTO-413),<br>Paper No./Mail Date _____. |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO/SB/08),<br>Paper No./Mail Date _____    | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment                               |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit<br>of Biological Material | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance              |
|  | 9. <input type="checkbox"/> Other _____.  |

  
PAUL DINH  
PRIMARY EXAMINER

### **DETAILED ACTION**

1. This office action is in response to the Application 10/820,365 filed 04/07/2004 and Telephone interview requested by Applicant's representative on 02/12/2007.
2. Claims 1-30 remain pending in the Application.
3. Applicant's arguments have been fully considered and are persuasive.

### **EXAMINER'S AMENDMENT**

4. An extension of time under 37 CFR 1.136(a) is required in order to make an examiner's amendment which places this application in condition for allowance. During a telephone conversation conducted on 02/12/2007 by Jun Lee requested an extension of time for 1 MONTH(S) and authorized the Director to charge Deposit Account No. 18-2011 the required fee of \$120.00 for this extension and authorized the following examiner's amendment. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

5. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

6. Authorization for this examiner's amendment was given in a telephone interview with Jun Lee (Registration No. 40,262) on 02/12/2007.

7. The application has been amended as follows:

Claim 1 line 10 after "thereto" delete "." insert --; wherein the drawn inductor includes a center tap or spoke coupled to the spiral, the layout data includes first binary data corresponding respectively to layers upon which conductive material forming the spiral and the center tap or spoke reside, the recognition layer data comprising second binary data generated as a Boolean function of portions of the first binary data; and

wherein the second binary data distinguishes positions of all conductive material forming the spiral from positions of any conductive material forming the center tap or spoke, the processing thereby determining an area of overlap between the center tap or spoke and spiral.--

Claim 8 line 20 after "tap" insert --, the processing thereby determining an area of overlap between the center tap and spiral--

Claim 9 line 20 after "spoke" insert --, the processing thereby determining an area of overlap between the spoke and spiral--

Claim 16 line 12 "thereto" delete "." Insert --; wherein the drawn inductor includes a center tap or spoke coupled to the spiral, the layout data includes first binary data corresponding respectively to layers upon which conductive material forming the spiral and the center tap or spoke reside, the recognition layer data comprising second binary data generated as a Boolean function of portions of the first binary data; and

wherein the second binary data distinguishes positions of all conductive material forming the spiral from positions of any conductive material forming the center tap or spoke, the processing thereby determining an area of overlap between the center tap or spoke and spiral.--

Claim 23 line 23 after "tap" delete "for" insert --, the processing thereby--

Claim 24 line 25 after "spoke" delete "for" insert --, the processing thereby--

Claim 27 line 2 after "of" insert --:--

**Conclusion**

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Helen Rossoshek whose telephone number is 571-272-1905. The examiner can normally be reached on 7:30-4:30. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jack Chiang can be reached on 571-272-7483. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

PAUL DINH  
PRIMARY EXAMINER



Helen Rossoshek  
Examiner  
Art Unit 2825

